Serial No. Not Yet Assigned

Filing Date: Herewith

In the Claims:

Claims 1-9 (CANCELLED)

- 10. (ORIGINAL) An integrated circuit chip module comprising:
 - a substrate;
- an integrated circuit die mounted on the substrate and having die pads and an exposed surface opposite from the substrate;
- a plurality of substrate bonding pads positioned on the substrate adjacent the integrated circuit die; and
- a decoupling capacitor assembly mounted on the integrated circuit die, said decoupling capacitor assembly comprising
 - a capacitor carrier secured onto the exposed surface of the integrated circuit die,
- a decoupling capacitor carried by said capacitor carrier;
- a thin film metallization layer positioned on said capacitor carrier; and
 - a conductive adhesive layer engaging said decoupling capacitor and thin film metallization layer and securing said decoupling capacitor to said capacitor carrier;
- a wire bond extending from the thin film metallization layer to a logic pin of the integrated circuit die and from a logic pin to a substrate bonding pad.

Serial No. Not Yet Assigned

Filing Date: Herewith

11. (ORIGINAL) An integrated circuit chip module according to Claim 10, and further comprising a plurality of decoupling capacitor assemblies mounted on said integrated circuit die.

- 12. (ORIGINAL) An integrated circuit chip module according to Claim 11, wherein said plurality of decoupling capacitors are mounted in series along said integrated circuit die.
- 13. (ORIGINAL) An integrated circuit chip module according to Claim 10, and further comprising an adhesive securing said decoupling capacitor to said capacitor carrier.
- 14. (ORIGINAL) An integrated circuit chip module according to Claim 10, and further comprising an adhesive securing said decoupling capacitor assembly to said integrated circuit die.
- 15. (ORIGINAL) An integrated circuit chip module according to Claim 10, wherein said capacitor carrier is formed from an aluminum nitride substrate.
- 16. (ORIGINAL) An integrated circuit chip module according to Claim 15, wherein said aluminum nitride substrate ranges in thickness from about 5 mil to about 50 mil.
- 17. (ORIGINAL) An integrated circuit chip module according to Claim 10, wherein a wire bond extends from said capacitor to a logic pin of said integrated circuit die.

Serial No. Not Yet Assigned

Filing Date: Herewith

18. (ORIGINAL) An integrated circuit chip module according to Claim 10, and including a bonding pad on said thin film metallization layer for securing a wire bond.

Claims 19-27 (CANCELLED)

- 28. (CURRENTLY AMENDED) A decoupling capacitor assembly used for decoupling integrated circuit die comprising:
- a capacitor carrier formed as an aluminum nitride substrate that is about 5 mil to about 50 mil thickness;
- a decoupling capacitor carried by said capacitor carrier;
- an adhesive securing said decoupling capacitor to said capacitor carrier; and
- a thin film metallization layer formed on the capacitor carrier, wherein said adhesive comprises a conductive adhesive for conducting current between said capacitor and said capacitor carrier.

Claim 29 (CANCELLED)

- 30. (ORIGINAL) A decoupling capacitor assembly according to Claim 28, and further comprising a bonding pad positioned on said capacitor carrier for connecting a wire bond thereto.
 - 31. (CANCELLED)

Serial No. Not Yet Assigned Filing Date: Herewith

32. (ORIGINAL) A method of forming an integrated circuit chip module comprising the steps of:

adhesively securing a decoupling capacitor onto a capacitor carrier to form a decoupling capacitor assembly;

adhesively securing the decoupling capacitor assembly onto an integrated circuit die that had been mounted onto a substrate; and

wire bonding from the decoupling capacitor assembly to the integrated circuit die and from the integrated circuit die onto substrate bonding pads positioned on the substrate.

- 33. (ORIGINAL) A method according to Claim 32, and further comprising the step of forming a thin film .

 metallization layer on the capacitor carrier, and adhesively securing the decoupling capacitor with a conductive adhesive that engages the thin film metallization layer, and wire bonding from the capacitor carrier to the integrated circuit die.
- 34. (ORIGINAL) A method according to Claim 32, wherein the wire bonding from the decoupling capacitor onto the integrated circuit die.
- 35. (ORIGINAL) A method according to Claim 32, and further comprising the step of forming the capacitor carrier as an aluminum nitride substrate that is about 5 mil to about 50 mil thickness.

Serial No. Not Yet Assigned

Filing Date: Herewith

36. (ORIGINAL) A method according to Claim 32, and further comprising the step of forming the substrate as a ceramic substrate.

37. (ORIGINAL) A method according to Claim 32, and further comprising the step of forming the substrate as a polymeric substrate.

Please add new Claim 38 as follows:

38. (NEW) An integrated circuit chip module comprising: a substrate;

an integrated circuit die mounted on the substrate and having die pads and an exposed surface opposite from the substrate;

a plurality of substrate bonding pads positioned on the substrate adjacent the integrated circuit die; and

a decoupling capacitor assembly mounted on each integrated circuit die, said decoupling capacitor assembly comprising

a capacitor carrier secured onto the exposed surface of the integrated circuit die, and

a decoupling capacitor carried by the capacitor carrier; and

a wire bond extending from the decoupling capacitor assembly to a die pad and from a die pad to a substrate bonding pad; and

a wire bond extending from said capacitor carrier to a logic pin of said integrated circuit die.